

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 040447-0236		SERIAL NO. To be assigned	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Koichi HORIKAWA			
				FILING DATE July 12, 2001		GROUP ART UNIT 2663 Unassigned	

JCS 97 U.S. Pat. 09/1902765
 07/12/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
R	A1	5,909,446	06/01/1999	Horikawa et al.	370	469	
R	A2	6,047,329	04/04/2000	Horikawa et al.	709	238	
R	A3	6,172,991 B1	01/09/2001	Mori	370	474	

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
R	A4	2845207	03/06/1998	Japan				Abst.
R	A5	2845208	10/30/1998	Japan				Abst.
R	A6	3000968	11/12/1999	Japan				Abst.
R	A7	11-289345	10/19/1999	Japan				Abst.
R	A8	11-215156	08/06/1999	Japan				Abst.

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		

EXAMINER <div style="text-align: center; font-size: large;">R</div>	DATE CONSIDERED <div style="text-align: center; font-size: large;">1/5/05</div>
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* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.